

1/1 WPAT - (C) Derwent- image

AN - 1992-285572 [35]

XA - C1992-127047

TI - Substd. indene prepn. from cyclopentadiene and hexa:di:one cpd. - used as ligands of metallocene cpds. for olefin polymerisation

DC - A17 E19

AW - OLEFIN!

PA - (FARH) HOECHST AG

IN - AULBACK M; ERKER G; NOLTE R; REUSCHLING D; ROHRMANN J; WEISS A;
AULBACH M; REUSCHLING DB

NP - 11

NC - 17

PN - DE4104931 A 19920820 DW1992-35 C07C-013/465 10p *

AP: 1991DE-4104931 19910218

- EP-500005 A1 19920826 DW1992-35 C07C-002/86 Ger 14p

AP: 1992EP-0102593 19920217

DSR: AT BE CH DE ES FR GB GR IT LI NL SE

- AU9210975 A 19920820 DW1992-41 C07C-002/86

AP: 1992AU-0010975 19920217

- CA2061295 A 19920819 DW1992-45 C07C-002/86

AP: 1992CA-2061295 19920217

- ZA9201119 A 19921028 DW1992-49 C07C-000/00 23p

AP: 1992ZA-0001119 19920217

- JP04312538 A 19921104 DW1992-51 C07C-013/465 9p

AP: 1992JP-0029666 19920217

- US5194619 A 19930316 DW1993-13 C07D-213/24 7p

AP: 1992US-0837367 19920214

- AU-643120 B 19931104 DW1993-51 C07C-002/86

FD: Previous Publ. AU9210975

AP: 1992AU-0010975 19920217

- EP-500005 B1 19960207 DW1996-10 C07C-002/86 Ger 16p

AP: 1992EP-0102593 19920217

DSR: AT BE CH DE ES FR GB GR IT LI NL SE

- DE59205262 G 19960321 DW1996-17 C07C-002/86

FD: Based on EP-500005

AP: 1992DE-5005262 19920217; 1992EP-0102593 19920217

- ES2084854 T3 19960516 DW1996-27 C07C-002/86

FD: Based on EP-500005

AP: 1992EP-0102593 19920217

PR - 1991DE-4104931 19910218

CT - US3210433; US4677238

1.Jnl.Ref; 01Jnl.Ref

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C07C-001/207 C07C-001/24 C07C-017/26 C07C-022/08 C07C-023/34

C07C-025/22 C07D-213/127 C07D-213/16 C07D-233/08 C07D-307/36

C07D-307/42 C07D-333/06 C07D-333/08 C07F-007/08

AB - DE4104931 A

Prepn. of a cpd. of formula (I) or its isomer of formula (Ia) comprises reacting a cpd. of formula (II) with a cpd. of formula (III) in the presence of a base. R1 = 1-20C alkyl, 6-14C aryl, 1-10C alkoxy, 2-10C alkenyl, 7-20C arylalkyl, 7-20C alkyl aryl, 6-10C aryloxy, 1-10C fluoroalkyl, 6-10C halogen aryl, 2-10C alkynyl, -Si(R6)3 or a 5 or 6 ring-member heteroaromatic gp. which can induce one or more heteroatoms: R2-R4 = as R1 and also H; R5 = H, 1-10C alkyl, 1-10C fluoroalkyl or 2-10C alkenyl; and R6 = 1-10C alkyl.- R1 pref. = 1-10C alkyl, phenyl, 2C alkenyl, 7-10C arylalkyl, 7-10C alkylaryl, 1-6C fluoroalkyl, halogenphenyl, -Si(R6)3 or 5-6C heteroaromatic gp- contg. S, O or N; R2-R4 pref. = as R1 or H; R5 pref. = H, 1-3C alkyl, 1-3C fluoroalkyl or 2-3C alkenyl; and R6 pref. = (m)ethyl.

- USE - Used as ligands for metallocene complexes, useful as catalysts for olefin polymerisation. (Dwg.0/0)

MC - CPI: A02-A A04-G01A E05-E01 E10-H01D E10-H01E E10-H02A E10-H02B

UP - 1992-35

UE - 1992-35; 1992-41; 1992-45; 1992-49; 1992-51; 1993-13; 1993-51; 1996-10; 1996-17; 1996-27